World-class products, Made in India

RenewSys®
let there be light

Multi Mono Specialised

DESERV®

*Module images for representation purpose only

Solar PV Module
DESERV 3M6 or 3M6H

60 Cells: 260 Wp - 275 Wp
72 Cells: 315 Wp - 340 Wp

The ideal PV Module for all applications that use the highest quality of PV Cells, in-house Encapsulants, and Backsheets.

*60 cells (250 Wp, 255 Wp), 72 cells (300 Wp, 305 Wp, 310 Wp) available on request

SAFE

- IP67 Junction box
- 10 years of product warranty
- 25 Years of limited power output warranty
- 1000 Vdc or 1500 Vdc

RELIABLE

- Extreme weather resilience
- Windspeed - 2400 Pa, Snowload - 5400 Pa
- Highly reliable anti-reflective coated glass

HIGH PERFORMANCE

- PID resistant
- Low light performance
- High power density

Ideal for:

Residential | Commercial | Utility | Off-grid

Certifications:

- IEC Certified: 61215, 61730
- IEC TS 62804, 61853
- IEC 61701
- IEC 62716
- IEC 60068-2-68
- CAN/CSA: 61730
- UL Certified 1703
- DEWA Listed
- BIS Number R-63000760
- MCS Approved
- Independently audited by SOLARBUYER
- IMS Certified Company - ISO 9001: 2015 & OHSAS 18001:2007
- EMS - ISO 14001: 2015

RenewSys is the first integrated manufacturer of Solar PV Modules and its key components- Encapsulants (EVA and POE), Backsheets and Solar PV Cells. We have a global presence with offices in India, Mauritius, Nigeria, South Africa, Singapore, UAE, China, representatives in Brazil, Europe, USA, Mexico, and an evolving distributor network.

Registered Office
98, Jolly Maker Chambers No.2,
225 Nariman Point,
Mumbai - 400 021,
Maharashtra, India

Factory
Plot No.6, Survey # 114/P,
Srinagar Village, Maheshwaram
Mandal, Dist - Rangareddy,
Hyderabad - 501 359, Telangana, India

- Please refer to the installation manual for detailed information.

RenewSys®
let there be light

DESERV®

Performance under standard test conditions (1000w/m², AM 1.5, 25 ºC)

	60 Cells				72 Cells					
DESERV 3M6 or 3M6H (Wp)	**260**	**265**	**270**	**275**	**315**	**320**	**325**	**330**	**335**	**340**
Rated power (Pmax), Wp	260	265	270	275	315	320	325	330	335	340
Max. power voltage (Vmp), V	30.72	30.77	30.95	31.16	36.92	37.20	37.41	37.67	37.90	38.14
Max. power current (Imp), A	08.48	08.64	08.74	08.84	08.56	08.62	08.70	08.79	08.85	8.92
Open circuit voltage (Voc), V	38.40	38.46	38.70	38.97	46.15	46.18	46.21	46.24	46.27	46.30
Short circuit current (Isc), A	08.83	09.00	09.13	09.14	08.92	09.07	09.19	09.31	09.41	09.54
Module efficiency (%)	16.05	16.36	16.67	16.97	16.29	16.55	16.81	17.07	17.33	17.59
NOCT (Wp) at 45 ±2 ºC @800 W/m²										
Pmax (W)	193.50	197.22	200.94	204.66	234.43	238.15	241.87	245.59	249.31	253.03
Max. power voltage (Vmp), V	28.09	28.14	28.30	28.49	33.76	34.02	34.21	34.45	34.66	34.88
Max. power current (Imp), A	06.90	07.03	07.11	07.19	06.97	07.01	07.08	07.15	07.20	07.26
Open circuit voltage (Voc), V	35.70	35.76	35.98	36.23	42.91	42.93	42.96	42.99	43.02	43.05
Short circuit current (Isc), A	07.21	07.35	07.46	07.47	07.29	07.41	07.51	07.60	07.69	07.79

Mechanical Characteristics	**60 & 72**
Cable	No. 12 AWG, 4mm², (1.2m Standard)
PV Connectors	MC4 Compatible (MC4/TYCO on request)
Frame	Anodized Aluminum Alloy
Junction box	IP67 Junction box with 4 rail (3 bypass diodes of 15 A)
Glass	3.2mm Thick low iron tempered (4mm available on request)

Operating Conditions	**60 & 72**
Ambient temperature, ºC	-40 to +85
Max. system voltage, Vdc	1000 or 1500
Hail impact velocity, m/sec	23
Max. surface load capacity, Pa	5400
Max. wind speed capacity, Pa	2400

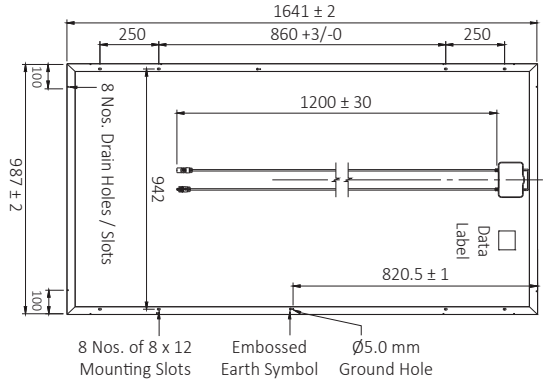
Cell Temperature Coefficient	**60 & 72**
Open circuit voltage	-0.30 % / ºC
Short circuit current	+0.05 % / ºC
Nominal power	-0.40 % / ºC

Physical Parameters	**260 Wp - 275 Wp**	**315 Wp - 340 Wp**
No. of cells	60	72
Module dimension (mm)	1641 X 987 (± 2)	1958 X 987 (± 2)
Module thickness (mm)	40 or 35	40 or 35
Approximate weight (kg)	18 or 17.7	21.5 or 21.2

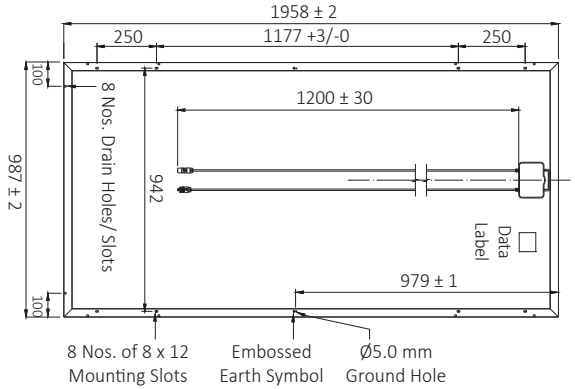
Packaging Configuration - 3M6	**60**	**72**
No. of Modules/pallet	26 or 29	26 or 29

Module Dimension Diagrams (mm)

60 CELLS



72 CELLS



*Due to continuous product updation, specifications may change without notice. Kindly refer to the website for latest information: www.renewsysworld.com